

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1- 12 (canceled).

Claim 13. (currently amended) An image ~~receiving~~ communication apparatus comprising:

a transmitter configured to transmit an e-mail with data attached, via a computer network;

a receiver configured to receive an e-mail with data attached, via a the computer network; and

a controller configured to convert the attached data into image data;

the controller further being configured to judge whether or not the received e-mail is an error mail, the error mail being related to an the e-mail transmitted by the image ~~receiving~~ communication apparatus, based on whether or not a header of the received e-mail includes a predetermined character string, the predetermined character string being related to a sender of the error mail.

Claim 14. (currently amended) The image ~~receiving~~ communication apparatus according to claim 13, further comprising a printer configured to print the image data, wherein the controller, when an error mail is detected, abstracts predetermined information from the e-mail, and converts the abstracted predetermined information into image data, and the printer prints the converted image data.

Claim 15. (currently amended) The image ~~receiving~~ communication apparatus according to claim 13, further comprising a printer configured to print image data,

wherein the controller, when an error mail is detected, abstracts a predetermined information from the e-mail, edits the abstracted predetermined information, and converts the edited information into image data, and the printer prints the converted image data.

Claim 16. (currently amended) An image ~~receiving~~ communication apparatus for receiving an e-mail, the e-mail including a header and a body, the body including a message, the message including an image data part, the image receiving apparatus comprising:

a transmitter configured to transmit an e-mail with data attached, via a computer network;

a receiver configured to receive an e-mail with data attached, via a the computer network; and

a controller configured to convert the attached data to image data; and

the controller further being configured to search for a predetermined image data fixed code in the image data part of the e-mail when the received e-mail is a multi-part structure, and to judge that the received e-mail is an error mail, the error mail being related to ~~an~~ the e-mail transmitted by the image ~~receiving~~ communication apparatus, when the predetermined image data fixed code is detected.

Claim 17. (currently amended) The image ~~receiving~~ communication apparatus according to claim 16, wherein the controller searches for the predetermined image data fixed code in the whole received e-mail when the received e-mail is a single-part structure, and judges that the received e-mail is an error mail when the predetermined image data fixed code is detected.

Claim 18. (currently amended) The image ~~receiving~~ communication apparatus according to claim 17 further comprising a printer configured to print image data, wherein the controller, when an error mail is detected, abstracts predetermined information from the e-mail, and converts the abstracted predetermined information into image data, and the printer prints the converted image data.

Claim 19. (currently amended) The image ~~receiving~~ communication apparatus according to claim 17 further comprising a printer configured to print image data, wherein the controller, when an error mail is detected, abstracts predetermined information from the e-mail, edits the abstracted predetermined information, and converts the edited information into image data, and the printer prints the converted predetermined image data.

Claim 20. (currently amended) An image ~~receiving~~ communication method comprising:

transmitting an e-mail with data attached, via a computer network;

receiving an e-mail with data attached, via a the computer network;

converting the attached data into image data; and

judging whether or not the received e-mail is an error mail, the error mail being related to an the e-mail transmitted by a ~~receiving~~ communication apparatus of the error mail, based on whether or not a header of the e-mail includes a predetermined character string, the predetermined character string being related to a sender of the error mail.

Claim 21. (currently amended) The image ~~receiving~~ communication method according to claim 20, further comprising abstracting predetermined information from the e-mail when an error mail is detected;

converting the abstracted predetermined information into image data; and
printing the converted image data.

Claim 22. (currently amended) The image ~~receiving~~ communication method according to claim 20, further comprising abstracting predetermined information from the e-mail when an error mail is detected;

editing the abstracted predetermined information;
converting the edited predetermined information into image data; and
printing the converted image data.

Claim 23. (currently amended) An image ~~receiving~~ communication method for receiving an e-mail, the e-mail including a header and a body, the body including a message, the message including an image data part, the method comprising:

transmitting an e-mail with data attached, via a computer network;
receiving an e-mail with data attached, via a the computer network;
converting the attached data into image data;

searching for a predetermined image data fixed code in the image data part of the e-mail when the received e-mail is a multi-part structure; and

judging that the received e-mail is an error mail, the error mail being related to an the e-mail transmitted by an ~~receiving~~ a communication apparatus of the error mail, when the predetermined image data fixed code is detected.

Claim 24. (currently amended) The image ~~receiving~~ communication method according to claim 23, further comprising searching for the predetermined image data fixed code in the whole received e-mail when the received e-mail is a single-part structure;

judging that the received e-mail is an error mail when the predetermined image data fixed code is detected.

Claim 25. (currently amended) The image ~~receiving~~ communication method according to claim 24, further comprising abstracting predetermined information from the e-mail when an error mail is detected;

converting the abstracted predetermined information to image data; and
printing the converted image data.

Claim 26. (currently amended) The image ~~receiving~~ communication method according to claim 24, further comprising abstracting predetermined information ~~from~~ from the e-mail when an error mail is detected;

editing the abstracted predetermined information;

converting the edited predetermined information into image data; and

printing the converted image data.

Claim 27. (currently amended) An image ~~receiving~~ communication apparatus connected to a server and receiving an e-mail, ~~when the received e-mail is an error mail, the error mail~~ the e-mail including a header and a body, the body including a message, the message including an image data part, the image receiving apparatus comprising:

a transmitter configured to transmit an e-mail to which data is attached, via the server;

a receiver configured to receive an e-mail to which data is attached, via the server;

a converter configured to convert the attached data into image data;

a memory configured to store a predetermined image data fixed code, an image data fixed code being contained in the image data part; and

a controller configured to search for a predetermined header fixed message in the header of the received e-mail, to search for an image data fixed code in the image data part of the message of the body of the received e-mail when the predetermined header fixed message is not in the header of the received e-mail, and to judge that the received e-mail is an error mail, the error mail being related to ~~an~~ the e-mail transmitted by the image ~~receiving~~ communication apparatus, when the image data fixed code in the received e-mail matches the predetermined image data fixed code stored in the memory.

Claim 28. (currently amended) The image ~~receiving~~ communication apparatus according to claim 27, wherein the predetermined header fixed message comprises [X-mailer:] field.

Claim 29. (currently amended) The image ~~receiving~~ communication apparatus according to claim 27, wherein the predetermined image data fixed code comprises SUqk.

Claim 30. (currently amended) An image ~~receiving~~ communication apparatus connected to a server and receiving an e-mail, ~~when the received e-mail is an error~~

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mail, the received ~~error-mail~~ e-mail including a header and a body, the body including a message, the message including an image data part, the image receiving apparatus comprising:

- a transmitter configured to transmit an e-mail with data attached, via the server;
- a receiver configured to receive an e-mail with data attached, via the server;
- a converter configured to convert the attached data into image data;
- a first memory configured to store at least one predetermined character string;
- a second memory configured to store a predetermined image data fixed code, an image data fixed code being contained in the image data part; and
- a controller configured to search for character string in a [From:] field of the header of the received e-mail, to compare the character string in the [From:] field of the header with the at least one predetermined character string stored in the first memory, to search for an image data fixed code in the image data part of the message of the body of the received e-mail when the character string in the [From:] field of a header matches the at least one predetermined character string stored in the first memory, and to judge that the received e-mail is an error mail, the error mail being related to an the e-mail transmitted by the image receiving communication apparatus, when the image data fixed code in the received e-mail matches the predetermined image data fixed code stored in the second memory.

Claim 31. (currently amended) The image ~~receiving~~ communication apparatus according to claim 30, wherein the predetermined image data fixed code comprises SUqk.

Claim 32. (currently amended) An image ~~receiving~~ communication method for receiving an e-mail, ~~when the received e-mail is an error mail~~, the received error-mail e-mail including a header and a body, the body including a message, the message including an image data part, a memory storing a predetermined image data fixed code, an image data fixed code being contained in the image data part, the image receiving method comprising:

transmitting an e-mail with data attached, via a server;

receiving an e-mail with data attached, via a the server;

converting the attached data into image data;

searching for a predetermined header fixed message in the header of the received e-mail;

searching for an image data fixed code in the image data part of the message of the body of the received e-mail when the predetermined header fixed message is not in the header of the received e-mail; and

judging that the received e-mail is an error mail, the error mail being related to an the e-mail transmitted by ~~an-receiving~~ a communication apparatus of the error mail, when the image data fixed code in the received e-mail matches the predetermined image data fixed code stored in the memory.

Claim 33. (currently amended) The image ~~receiving~~ communication method according to claim 32, wherein the predetermined header fixed message comprises [X-mailer:] field.

Claim 34. (currently amended) The image ~~receiving~~ communication method according to claim 32, wherein the predetermined image data fixed code comprises SUqk.

Claim 35. (currently amended) An image ~~receiving~~ communication method for receiving an e-mail, ~~when the received e-mail is an error mail, the received error mail~~ e-mail including a header and a body, the body including a message, the message including an image data part, a first memory storing at least one predetermined character sting, a second memory storing a predetermined image data fixed code, an image data fixed code being contained in the image data part, the image receiving method comprising:

transmitting an e-mail with data attached, via a server;

receiving an e-mail with data attached, via a the server;

converting the attached data into image data;

searching for character string in a [From:] field of the header of the received e-mail;

comparing the character string in the [From:] field of the header with the at least one predetermined character string stored in the first memory;

searching for an image data fixed code in the image data part of the message of the body of the received e-mail when the character string in the [From:] field of a header matches the at least one predetermined character string stored in the first memory; and

judging that the received e-mail is an error mail, wherein the error mail is related to ~~an~~ the e-mail transmitted by a ~~receiving~~ communication apparatus of the error mail,

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when the image data fixed code in the received e-mail matches the predetermined image data fixed code stored in the second memory.

Claim 36. (currently amended) The image ~~receiving~~ communication method according to claim 35, wherein the predetermined image data fixed code comprises SUqk.